

United States Environmental Protection Agency
Pollution Report

EPA Region 5 Records Ctr.



306775

I. HEADINGS

DATE: April 24, 2000

SUBJECT: Pollution Report for the Lake Underground Storage Site,
Painesville Township, Lake County, Ohio

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POLREP #15 - OPA Funded Removal

Start Date: September 16, 1999

II. BACKGROUND

Site No:	FPN G99032
NPL Status:	Non-NPL
Response Authority	OPA
State Notification:	OEPA
Completion Date:	TBD
Latitude:	41°43'43.37" N
Longitude:	81°16'43.29" W
CERCLA Incident Category:	Removal - OPA funded

III. SITE INFORMATION

A. Incident Category: Removal-OPA funded

3. Site Description

1. Site location and background

Lake Underground Storage (LUS) site (a.k.a Nacelle Land Management Corporation) is a 73-acre, inactive brine facility located at 675 Lakeshore Boulevard in Painesville Township, Lake County, Ohio. The site is located

northwest of the city of Painesville and adjacent to Mentor Marsh State Nature Preserve, which empties into Lake Erie. A detailed description of the background can be found in the initial POLREP.

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

ERRS completed the solidification of contaminated oil sludges and sediments from the lagoon. All solidified waste is currently stockpiled on the far northern portion of the site for disposal operations. Residual waste located around the base of the four above ground storage tanks was also transported to the stockpile area for disposal. On December 30, 1999, ERRS completed final decontamination activities on all heavy equipment for demobilization. All personnel were demobilized from site pending final approval of the site-specific Inter-Agency Agreement (IAG). From April 10 through April 15, 2000, ERRS re-mobilized to site, improved on-site roadways to allow for disposal, and transported 7,274.84 tons of waste soils off site for disposal.

2. Removal actions to date: (April 17 through 22, 2000)

On Monday April 17, 2000, ERRS (Earth Tech, Inc.) continued disposal of the stockpiled waste soil and continued site roadway and drainage improvements. ERRS mobilized an additional operator to assist with loading of waste soil into disposal trucks for off-site transportation and disposal. Today, 74 trucks were loaded with waste soils, of which 57 off-loaded at the landfill and 16 were pre-loaded for disposal on April 18, 2000. In addition, the 1 pre-loaded truck from April 14, 2000, and 17 pre-loaded trucks from April 15, 2000, were also off-loaded at the landfill for a combined daily disposal 76 trucks totaling 2,158.90 tons of waste soil. ERRS also conducted limited lagoon grading operations today. Site security was initiated for non-work hours.

On Tuesday April 18, 2000, ERRS continued disposal of the stockpiled waste soil and continued site roadway and drainage improvements. A 6" trash pump was delivered to site and set up to pump water out of the lagoon area. Pumping activities commenced on the east side of the lagoon. To facilitate disposal, an additional landfill (American Landfill in Canton, Ohio) was added since the current disposal facility for this site could only accept 2,200 tons of waste a day. Today, 103 trucks were loaded with waste soils, of which 81 off-loaded at the landfill and 29 were pre-loaded for disposal on April 19, 2000. In addition, 16 pre-loaded trucks from April 17, 2000, were also off-loaded at the landfill for a combined daily disposal 97 trucks totaling 2,545.39 tons of waste soil. Site security was initiated for non-work hours.

On Wednesday April 19, 2000, ERRS continued disposal of the stockpiled waste soil, pumping water from the lagoon, and continued site roadway and drainage improvements. Today, 107 trucks were loaded with waste soils, of which 80 off-loaded at the landfill and 27 were pre-loaded for disposal on April 20, 2000. In addition, 29 pre-loaded trucks from April 18, 2000, were also off-loaded at the landfill for a combined daily disposal 109 trucks totaling 2,981.01 tons of waste soil. Site security was initiated for non-work hours.

On Thursday April 20, 2000, ERRS continued disposal of the stockpiled waste soil, pumping water from the lagoon, and continued site roadway and drainage improvements. A tire was replaced on the backhoe which was punctured during work operations. Work was stopped early today by U.S. EPA due to heavy rainstorms and lightning. Today, 93 trucks were loaded with waste soils, of

which 80 off-loaded at the landfill and 13 were pre-loaded for disposal on April 21, 2000. In addition, 27 pre-loaded trucks from April 19, 2000, were also off-loaded at the landfill for a combined daily disposal 107 trucks totaling 2,891.94 tons of waste soil. Site security was initiated for non-work hours.

On Friday April 21, 2000, ERRS continued disposal of the stockpiled waste soil, pumping water from the lagoon, and continued site roadway and drainage improvements. Today, 131 trucks were loaded with waste soils, of which 98 off-loaded at the landfill and 33 were pre-loaded for disposal on April 20, 2000. In addition, 13 pre-loaded trucks from April 20, 2000, were also off-loaded at the landfill for a combined daily disposal 111 trucks totaling 3,009.20 tons of waste soil. A representative of the Lake County Engineers Office stated concerns regarding ruts along a small stretch of Blackbrook Road apparently created by the disposal trucks awaiting entrance to the site. Site security was initiated for non-work hours.

On Saturday April 22, 2000, ERRS continued disposal of the stockpiled waste soil, pumping water from the lagoon, and continued site roadway and drainage improvements. Today, 77 trucks were loaded with waste soils, of which 58 off-loaded at the landfill and 19 were pre-loaded for disposal on April 24, 2000. In addition, 32 of the 33 pre-loaded trucks from April 21, 2000, were also off-loaded at the landfill for a combined daily disposal 90 trucks totaling 2,637.27 tons of waste soil. Site security was initiated for non-work hours.

B. Next Steps

- Finalize disposal of remaining waste on site.
- Continue breaching and backfilling of lagoon.

C. Key Issues

- U.S. EPA will restore grassy area next to the berm on a small part of Blackbrook Road.

V. COST INFORMATION

ERRS	\$1,391,713	(04/22/00)
EPA/USGC	\$ 26,397	(04/22/00)
START	\$ 41,580	(04/22/00)
TOTAL	\$1,459,690	

VI. DISPOSITION OF WASTES

Date	# Trucks Loaded	# Disposed/ # Pre-loads Disposed*	# Preloads Today	Tons Disposed Today	Cumulative Tons
As of 1-1-00	Total	N/A	N/A	N/A	3,189 tcns*
4-12-00	57	46 / 0	11	1,247.96	4,436.96
4-13-00	79	57 / 11	22	1,934.01	6,370.97
4-14-00	73	49 / 22	25	2,060.13	8,431.10
4-15-00	65	48 / 23	17	2,032.74	10,463.84
4-17-00	74	58 / 18	16	2,158.90	12,622.74

4-18-00	108	81 / 16	29	2,545.39	15,168.13
4-19-00	107	80 / 29	27	2,981.01	18,149.14
4-20-00	93	80 / 27	13	2,891.94	21,041.03
4-21-00	*131	98 / 13	33	3,009.20	24,050.23
4-22-00	77	58 / 32	19	2,637.27	26,687.55

* = waste was shipped to Geneva Landfill and American Landfill.

N/A = not applicable.